

Amendments

Amendments to the Claims:

Claims 1 – 22 (Cancelled).

23. (New) An osteal implant comprising:

a post, said post having a first end and a second end;

said first end having a mount for a device to be implanted;

said second end being attached to a base;

said base being substantially orthogonal to said post in at least two non-parallel directions;

said base having a bottom surface and said bottom surface having a lower most extent;

and

said base having a top surface, said top surface having a first portion having a topmost extent; and

at least one of said top surface or said bottom surface having a second portion having a second extent different from said topmost extent or said lower most extent.

24. (New) The implant of claim 23 wherein at least one of said top surface or said bottom surface of said base has a third portion, said third portion being equivalent to said top most extent and said third portion being separated from said first portion by said second portion.

25. (New) The implant of claim 23 further comprising a first group of portions, at least one of said first group of portions having said topmost extent, and a second group of portions, said second group of portions having an extent in a direction parallel to said shaft that is less than an extent in a direction parallel to said shaft of an adjacent portion from said first group.

26. (New) The implant of claim 25 wherein said first portions and second portions alternate periodically.

27. (New) The implant of claim 25 wherein said first portions and second portions alternate comprising corrugation.

28. (New) The implant of claim 23 wherein at least one of said portions has a sharp edge.

29. (New) The implant of claim 23 wherein at least one of said portions constitutes a ridge.

30. (New) The implant of claim 23 wherein at least one of said portions constitutes a trough.

31. (New) The implant of claim 23 wherein at least one of said portions is curvilinear, at least a portion of said curve being substantially concentric with said post.

32. (New) The implant of claim 23 wherein at least one of said portions comprises a spiral.

33. (New) The implant of claim 23 wherein at least one of said portions comprises a bowl like depression.

34. (New) The implant of claim 32 wherein said depressions vary in depth and arrange from about 0.05 millimeters to about 0.25 millimeters.

35. (New) The implant of claim 23 wherein said base has an outer perimeter and said outer perimeter includes at least three substantially straight edges.

36. (New) The implant of claim 23 having a lateral insertion direction and wherein said first and second portions comprise barbs oriented to resist extraction of said implant in a direction opposite said direction of insertion.

37. (New) The implant of claim 23 wherein said portions comprising ridges are curvilinear and concave to a direction of insertion and substantially vertical on a base oriented substantially opposite from the direction of insertion.

38. (New) The implant of claim 23 wherein said first portions and second portions vary in extent radially.

39. (New) The implant of claim 23 wherein said second portion is at a marginal zone of said base, said marginal zone being substantially along a portion of a periphery of said base.

40. (New) The implant of claim 38 wherein said marginal zone varies in radial distance from said post.

41. (New) The implant of claim 38 wherein said marginal zone comprises reentrant angles.

42. (New) An osteal implant comprising:

a post, said post having a first end and a second end;

said first end having a mount for a device to be implanted;

said second end being attached to a base;

said base being substantially orthogonal to said post in at least two non-parallel directions, said base being substantially planar; at least one of a top surface or a bottom surface of said base having a first height at a first radial distance from said post and a second height at a second radial distance from said post.